SEQUENCE LISTING

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MATHUR, ARCHNA

CLOD BOMBESIN ANALOGS FOR TREATMENT OF CANCER
CLOD U: 12799-1

<: (+ 117/DEL/2000

< : 1. 2)00-02-24

< 1 ... 1.2

< : :: . .

(170) PatentIn Ver. 2.0

. 13 - Bombina bombina

+400+1-Siu Oln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met 1 5 10

-210 - 2
-211 - 10
-212 - PRT
-.13 - Sus barbatus
-400 - 2
-01y Ash His Trp Ala Val Gly His Leu Met

1 5

+ 110 * 3 - 11 + 8 - 110 + FRT

213 Artificial Sequence

```
< 1.1.7.15
<.. : Description of Artificial Sequence: This peptide
     w_{\rm HS} synthetically generated
. 1 =
«. E MOO RES
a ... '1'
<. →
<... M_D_RES
2 (6)
<...3 'groduct = alpha-aminoisobutyric acid/label = Aib</pre>
< 4 () 3
\Sigma:=41n Trp Ala Val Kaa His Leu
            5
· . ! C · 4
٤ . ١١ ٤
-212 FFT
 :: Entificial Sequence
... Lescription of Artificial Sequence: This peptide
      was synthetically generated
 . . . (: - .
- III - MOD_RES
*132 (1)
- 202 - /product = D-phenylalanine/label = D-Phe
 + 2.39° +
+ A21 + MOD_RES
  23. + (4)
...23. /product = alpha-aminoisobutyric acid/label = Aib
  :0: 4
 Eda Glr Trp Xaa Val Gly His Leu
                  5
  1
 \pm .110 \times 5
 3.:11 · 8
· L1L · PRT
 - 215 - Artificial Sequence
```

```
<. : · Description of Artificial Sequence: This peptide
     was synthetically generated
*::!! MOD RES
< . .2
< 121 MOD_RES
<. 3.
<.30 .product = D-tryptophan/label = D-Trp</pre>
< . 2. ·
<.21 - NOO RES
· . 2. - 61
·... product = alpha-aminoisobutyric acid/label = Alb
( ) [H ( ) 5)
X:a 31n Xaa Ala Val Xaa His Leu
          5
1000
. 11 . 3
-. 11 - PFT
Artificial Sequence
- <u>- 1</u>111 -
· 1.3 * · Description of Artificial Sequence: This peptide
      was synthetically generated.
10 July 1
...1 - MOD_RES
-1.12 - (1.)
.:::: /product = D-phenylalanine/label = D-Phe
- 1...H -
 - 201 - MOD_RES
· .:... (4)
 - Class /product = alpha-aminoisobutyric acid/label = Aib
 Mad Gln Trp Xaa Val Gly His Ile
```

```
< : : : 7
<. ::- ε
·.. I. : PRT
. : r Artificial Sequence
₹_...) +
4 . . Pescription of Artificial Sequence: This peptide
       was synthetically generated.
<...
<...i - MOU_RES
. 1
4...* 'product = D-phenylalanine/label = D-Phe
< , :1
<...! INCO RES
< , . .: + (
<... 'p:oduct = alpha-aminoisobutyric acid/label =Aib</pre>
< .):(.)
Xi: In Prp Ala Val Xaa His Ile
                 5
- k 2:10 + €
. . ! ] - 8
* 1.7 * PFT
· _ lis · Artificial Sequence
(:
 1888 Description of Artificial Sequence: This peptide
        was synthetically generated.
 A = \frac{1}{2\pi i} \int_{0}^{\infty} \left( \frac{1}{2} \left( 1 - \frac{1}{2} \right) \right) dt dt
 - DIT - MOD_RES
 -...............................(1)
 ......./product = D-phenylalanine/label = D-Phe
 - <u>- 1</u>0 -
  TOTH MOD_RES
  220 - (3)
 ...22   /product = D-tryptophan/label = D-Trp
  - 111 - MODO RES
 · 2022 - (6)
```

Dpg

```
<: 02 9
Xii Gin Maa Ala Val Xaa His Leu
                5
c. i() = 9
· . 117 8
- i2" PFΓ
<. 13% Artificial Sequence
<. ` )!
\varepsilon_{+}:\mathcal{V}\to\mathbb{P}( Scription of Artificial Sequence: This peptide
      was synthetically generated.
< . _!.)
₹ :: MCD_RES
< ...i.i
· PAL · M D RES
- J23 - (4 -
- The 'product = alpha, alpha-di-ethyl glycine = Deg
= 400 - 9
Mag Oln Orp Xaa Val Gly His Leu
 1 5
\sim 110 \times 10
  _11 + 8
  113 - FFT
 - 113 Artificial Sequence
× 25.0 ×
  713 - Im-scription of Artificial Sequence: This pertide
       was synthetically generated.
 320
 - Lil - MOD_RES
 - :: 3 - :: roduct = D-phenylalanine/label = D-Phe
 $ 1200 ·
 - mil - Mod RES
 · 2.1.. > 100)
 </p
```

```
acid/label = Ac5c
< : 30 > 10
X:: In Trp Ala Val Xaa His Leu
- . . 11
< . ! : | 8
< i. FRT
<.: Artificial Sequence
... : Lescription of Artificial Sequence: This peptide
      was synthetically generated.
e - 1°
<...T: M'D_RES</pre>
... /product = Butanoyl-D-phenylalanine/label =
      Butanoyl-D-Phe
.... M.D_RES
-1.12 \cdot (0)
control / product = alpha-aminoisobutyric acid/label = Aib
\sim 4\,\mathrm{Ge} + 11
Maa Gln Trp Ala Val Xaa His Leu
                  5
  1
- 210 12
 - 111 - 8
-, 1.2 - FRT
13 Artificial Sequence
·.20
Pick - Description of Artificial Sequence: This peptide
       was synthetically generated
  1.10
  JULI - MOD RES
  (1, 2 + (1))
  :::?   /product = Octanoyl-D-phenylalanine/label =
       Octanoyl-D-Phe
```

.2202

<221> MOD_RES <222> :6) <223> /product = alpha-aminoisobutyric acid/label = Aib <400> 12 Xaa Gln Trp Ala Val Xaa His Leu 1 5